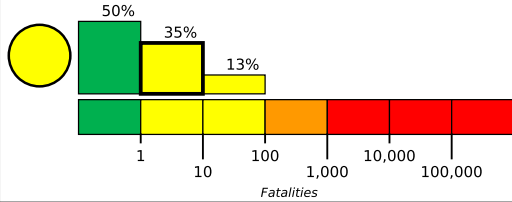


M 5.1, 10 km NNE of Bhachau, India

Origin Time: 2020-06-14 14:43:08 UTC (Sun 20:13:08 local)
Location: 23.3871° N 70.3817° E Depth: 10.0 km

Created: 3 hours, 7 minutes after earthquake

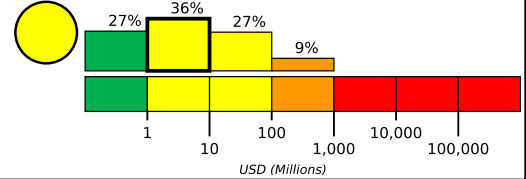
Estimated Fatalities



Yellow alert for shaking-related fatalities and economic losses. Some casualties and damage are possible and the impact should be relatively localized. Past yellow alerts have required a local or regional level response.

Estimated economic losses are less than 1% of GDP of India.

Estimated Economic Losses

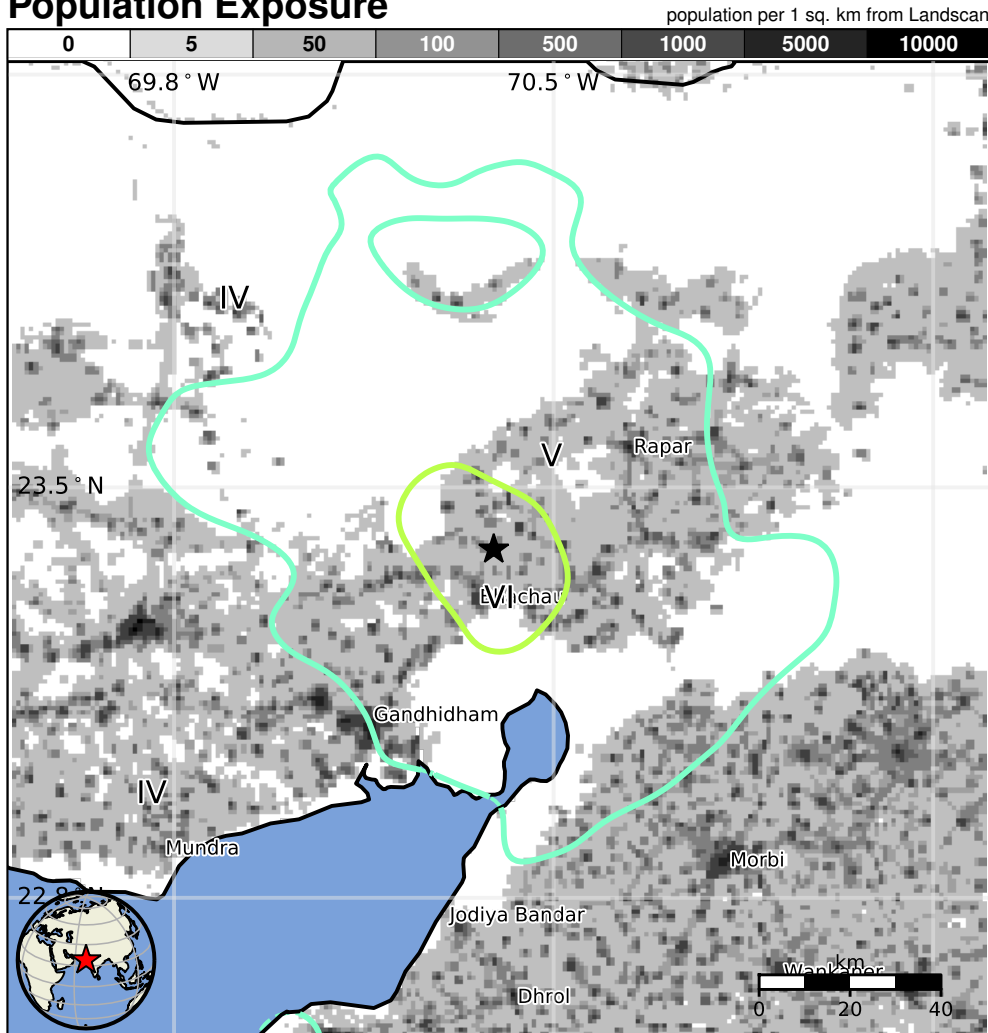


Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k=x1000)		—*	—*	2,713k*	629k	112k	5k	0	0	0
ESTIMATED MODIFIED MERCALLI INTENSITY		I	II-III	IV	V	VI	VII	VIII	IX	X+
PERCEIVED SHAKING		Not felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme
POTENTIAL DAMAGE	Resistant Structures	None	None	None	V. Light	Light	Moderate	Mod./Heavy	Heavy	V. Heavy
	Vulnerable Structures	None	None	None	Light	Moderate	Mod./Heavy	Heavy	V. Heavy	V. Heavy

*Estimated exposure only includes population within the map area.

Population Exposure



Structures

Overall, the population in this region resides in structures that are extremely vulnerable to earthquake shaking, though some resistant structures exist. The predominant vulnerable building types are informal (metal, timber, GI etc.) and adobe block construction.

Historical Earthquakes

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
2001-02-08	30	5.1	V(27k)	0
2007-11-06	247	5.1	V(288k)	1
2001-01-26	10	7.6	IX(151k)	20k

Selected City Exposure

from GeoNames.org

MMI	City	Population
VI	Bhachau	24k
V	Rapar	22k
IV	Gandhidham	166k
IV	Bedi	21k
IV	Jodiya Bandar	16k
IV	Kandla	26k
IV	Bhuj	133k
IV	Than	43k
IV	Anjar	67k
IV	Morbi	118k
IV	Wankaner	48k

PAGER content is automatically generated, and only considers losses due to structural damage. Limitations of input data, shaking estimates, and loss models may add uncertainty.

<https://earthquake.usgs.gov/earthquakes/eventpage/us6000abp7#pager>

bold cities appear on map.

(k = x1000)

Event ID: us6000abp7